

1. $\phi = \phi_0 + \sum_{n=1}^{\infty} \phi_n \cos n\theta$

where ϕ_0 is the average value of ϕ over the circle.

where ϕ_0 is the average value of ϕ over the circle and ϕ_n are the Fourier coefficients.

$$\phi_0 = \phi_0 + R \sum_{n=1}^{\infty} \phi_n \cos n\theta$$

where ϕ_0 is the average value of ϕ over the circle and ϕ_n are the Fourier coefficients.

where ϕ_0 is the average value of ϕ over the circle and ϕ_n are the Fourier coefficients.

where ϕ_0 is the average value of ϕ over the circle and ϕ_n are the Fourier coefficients.

where ϕ_0 is the average value of ϕ over the circle and ϕ_n are the Fourier coefficients.

where ϕ_0 is the average value of ϕ over the circle and ϕ_n are the Fourier coefficients.

where ϕ_0 is the average value of ϕ over the circle and ϕ_n are the Fourier coefficients.

where ϕ_0 is the average value of ϕ over the circle and ϕ_n are the Fourier coefficients.

where ϕ_0 is the average value of ϕ over the circle and ϕ_n are the Fourier coefficients.

where ϕ_0 is the average value of ϕ over the circle and ϕ_n are the Fourier coefficients.

where ϕ_0 is the average value of ϕ over the circle and ϕ_n are the Fourier coefficients.

BERKOVICH, M.; KHARCHEVNIKOVA, S.; SHUBINA, L.; SIDOROVA, L.;
VOZNESENSKAYA, N.

Using mineral pigments in making building materials. Stroi. mat.
4 no.4:33 Ap '58. (MIRA 11:5)
(Pigments) (Building materials)

BUBLIKOV, Ye.V., inzh.; ZELINSKIY, V.M., kand.tekhn.nauk; FEDOROV, S.V., starshiy nauchnyy sotrudnik; BUNYAYEVA, A.I., tekhnik; TELEPNEV, D.Ya., starshiy nauchnyy sotrudnik; RATS, A.F., inzh.; BERKOVICH, M.A., inzh., glavnyy konstruktor; ZVORYKINA, L.N., red.isd-va; DOMILINA, L.N., tekhn.red.

[Low-speed winches for mining] Prokhodcheskie tikhokhodnye lebedki. Moskva, Ugletekhizdat, 1959. 7 p. (MIRA 12:10)

1. Kharkov. Vsesoyuznyy nauchno-issledovatel'skiy institut organizatsii i mekhanizatsii shakhtnogo stroitel'stva. 2. Ukrainskiy nauchno-issledovatel'skiy institut organizatsii i mekhanizatsii shakhtnogo stroitel'stva (for Bublikov, Zelinskiy, Fedorov, Bunyayeva, Telepnev). 3. Tsentral'nyy nauchno-issledovatel'skiy i proyektno-konstruktorskiy institut podzemnogo i shakhtnogo stroitel'stva (for Rats, Berkovich). 4. Nachal'nik sektora Ukrainskogo nauchno-issledovatel'skogo instituta organizatsii i mekhanizatsii shakhtnogo stroitel'stva (for Bublikov). 5. Nachal'nik Otdela gornoy elektromekhaniki Ukrainskogo nauchno-issledovatel'skogo instituta organizatsii i mekhanizatsii shakhtnogo stroitel'stva (for Zelinskiy). 6. Nachal'nik Otdela gornoy elektromekhaniki Tsentral'nogo nauchno-issledovatel'skogo i proyektno-konstruktorskogo instituta podzemnogo i shakhtnogo stroitel'stva (for Rats).

(Winches)

(Mining machinery)

BERKOVICH M. A.

PA 44/49T41
May 49

USSR/Electricity
Relays, Electric
Electric Power Transmission

"Work of Relay Protection and Automatics in Power Systems of the Ministry of Electric Power Plants," Prof. I. I. Solov'yev, M. A. Berkovich, Engr., 5 pp

"Elek Stants" No 5

Percentage of correct operations of relay protection has risen to 99.02% in 1947, compared with 97.18% in 1943. Percentage of incorrect elimination of breakdowns was high (18.68%) due to poor condition of relays or automatic devices or unsatisfactory use of equipment. Measures are under way to train qualified relay-protection specialists. Quality of relay equipment produced by Chiboksary Factory should be improved, especially the time-delay relay EV.

PA 44/49T31

BERKOVICH, M. A.

4457. Kompleks peredvzhnogo oborudovaniya dlya prokhodki ust'ey (Shayek) Stvolov shakht (KPSH). M., ugletekhizdat, 1954. 32S. schert; 2L. chert. 21 SM. (M-vo ugol'noi prom-sti ssr. Giproshakhtostroy mash). 1,200 ekz. bespl. - sost. Ukazan naoborote tit. L. - (54-556) P

622.333: 622.25.0025+622.25.0025
Vbora'be za ugol: iz opyta massovo-polit. raboty part. Organizatsiy shakht Stalinskoy oblasti. - sm. 4202

SO: Knizhnaya Letopsis', Vol. 1. 1955

BERKOVICH, Mikhail Arnel'dovich; SEMENOV, Vladimir Aleksandrovich; YEMZHOV,
V.V., redaktor; LARIONOV, G.Ye., tekhnicheskiy redaktor.

[Principles of relay protection engineering and operation] Osnovy
tekhniki i ekspluatatsii releinoi zashchity. Moskva, Gos.energ.
izd-vo, 1954. 239 p. (MIRA 8:5)
(Electric relays)

Berkovich, Moisey Abramovich

~~RATS, Aleksandr Fedorovich; BERKOVICH, Moisey Abramovich; SMIRNOV, L.V.,
redakter; PROZOROVSKAYA, V.L., tekhnicheskii redakter.~~

[New low-speed mine winches] Nove tikhokhodnye prokhdcheskie
lebedki. Moskva, Ugletekhisdat, 1955.29 p. (MLRA 9:4)
(Winches)

BERKOVICH, M. A.

AID P - 1617

Subject : USSR/Electricity

Card 1/2 Pub. 27 - 26/27

Authors : Berkovich, M. A., Vinogradov, N. V., and Semenov, V. A.,
Engineers, Moscow

Title : V. L. Inosov and L. V. Tsukernik. Compounding and the
Electromagnetic Voltage Regulator of Synchronous
Generators, Gosenergoizdat, 1954, 152 pp.

Periodical : Elektrichestvo, 3, 86-87, Mr 1955

Abstract : The authors summarize the table of contents of the book which describes various arrangements for compounding with the application of electromagnetic voltage regulation. These arrangements are used in the USSR as the basic methods of automatic regulation and field forcing of the excitation of synchronous generators. The authors point to the merits of the book as well as to several deficiencies, many of them consisting in poor proof-reading.

Elektrichestvo, 3, 86-87, Mr 1955

AID P - 1617

Card 2/2 Pub. 27 - 26/27

Institution: None

Submitted : No date

BERKOVICH, M. A.

AID P - 2548

Subject : USSR/Electricity

Card 1/1 Pub. 26 - 32/32

Author : Mel'nikov, M. P., Eng.

Title : ~~M. A. Berkovich and V. A. Semenov.~~ Osnovy tekhniki
ekspluatatsii releynoi zashchity (Fundamentals of
technique and operation of relay protection), State
Power Publishing House, 1954, 240 p. (Book Review)

Periodical : Elek sta, 6, 63-64, Je 1955

Abstract : The author gives a favorable opinion of the book,
especially of the last two chapters that deal with
the mounting and checking of relay protection. How-
ever, some problems are not sufficiently expounded and
the reviewer hopes that a second edition will eliminate
these deficiencies.

Institution : None

Submitted : No date

SOLOV'YEV, Ivan Ivanovich; BERKOVICH, M.A., redaktor; SKVORTSOV, I.M.,
tekhnicheskiy redaktor

[Automatization of power systems] Avtomatizatsiya energeticheskikh
sistem. Izd. 2-oe, perer. Moskva, Gos.energ. izd-vo, 1956. 360 p.
(Electric controllers) (MLRA 9:7)
(Automatic control)
(Electric engineering)

MILAKOV, M.Ye., inzhener; ~~BERKOVICH, M.A.~~ inzhener; SEMENOV, V.A., inzhener;
ALEKSANDROV, I.N., inzhener; KOVALEV, G.F., inzhener; ARUTYUNYAN, N.B.,
inzhener.

Gas relay protection of power transformers. Elek.sta.27 no.6:41-45 Je
'56. (MIRA 9:9)

1.Gorenergo (for Milakov). 2.Mosenergo (for Semenov). 3. Belorussenergo
(for Aleksandrov). 4.Yarenergo (for Kovalev). 5.Armenenergo (for Aru-
tyunyan).

(Electric transformers)

BERKOVICH, M.A., inzhener; VINOGRADOV, N.V., inzhener; SEMENOV, V.A.,
inzhener.

Relay protection of generators and synchronous compensators. Elek.
sta. 27 no.9:46-48 S '56. (MLRA 9:11)

(Electric relays)
(Electric generators)
(Voltage regulators)

BERKOVICH, M.A.

CHERNOBROVOV, Nikolay Vasil'yevich; BERKOVICH, M.A., redaktor; FRIDKIN, A.M.,
tekhnicheskiy redaktor.

[Protective relaying] Relainaia zashchita. Moskva, Gos.energ.izd-vo,
1956. 495 p. (MLRA 10:4)

(Electric relays)

PHASE I BOOK EXPLOITATION

723

Berkovich, Mikhail Arnol'dovich and Semenov, Vladimir Aleksandrovich

Osnovy tekhniki i ekspluatatsii releynoy zashchity (Principles of Relay Protection Engineering and Operation) 2nd ed., rev. and enl. Moscow, Gosenergoizdat, 1957. 366 p. 25,000 copies printed.

Ed.: Denkov, Ye. D.; Tech. Ed.: Voronin, K. P.

PURPOSE: This monograph is approved by the Glavnoye upravleniye trudovykh rezervov (Main Administration of Labor Reserves) as a textbook on relay protection for preparatory courses for electricians and skilled workers, and for those in charge of industrial training at labor reserve schools. The book may also prove of use as an auxiliary aid to those studying in power engineering tekhnikums and to electricians and skilled workers engaged in servicing relay protection, electric power station laboratories and industrial enterprise laboratories.

Card 1/9

Principles of Relay Protection Engineering and Operation 723

COVERAGE: The book gives the fundamentals of fuse and relay protection in electrical networks, transformers, generators and electric motors, as well as of automatic reclosing, and of automatic switching-on of reserve supply. In addition to relay and relay circuit protection, the book also explains the basic methods of performance testing of relay protection. A description of the equipment used in performance testing is given. The second edition has been augmented by new chapters, and the chapters which appeared in the first edition have been rewritten. The introduction and Chapters 1 to 8, 11, 13 and 14 were written by M.A. Barkovich. V.A. Semenov wrote Chapters 9, 10, 12 and 15. The authors express their thanks to A.M. Averbukh, reviewer, for aid in preparing the book. There are 40 Soviet references.

TABLE OF CONTENTS:

Preface	3
Introduction	
1. Function of relay protection	7
2. Basic requirements of relay protection	3
3. Conventional signs used in drawings and drafts of electric machines, apparatus, instruments, and circuit diagrams of relay protection and automatic devices	9
Card 2/9	

Principles of Relay Protection Engineering and Operation 723

Ch. 1. Fuse Protection	
1. Operating principle of fuses	13
2. Field of applications of fuses	16
3. Selection of fuses	16
Ch. 2. Operating Principles of Relays	
1. General information	23
2. The electromagnetic principle	24
3. The induction principle	27
4. Types of induction relays	36
5. Classification of relays	37
Ch. 3. Relay Designs	
1. Direct-action primary relays	38
2. Direct-action secondary relays	44
3. Indirect-action secondary relays	49

Card 3/9

Principles of Relay Protection Engineering and Operation	723
Ch. 4. Control-system Operating Current	
1. General information	78
2. Direct operating current	79
3. Alternating operating current	84
Ch. 5. Drives and Systems of Circuit-breaker Control	
1. Function and types of drive	90
2. Manual drives	91
3. Electromagnetic drives	97
4. Pneumatic drives	102
5. Remote control of circuit breakers	102
Ch. 6. Instrument Transformers	
1. Function of instrument transformers	114
2. Voltage transformers	114
3. Current transformers	122
4. Current transformer types and designs	128
5. Selection of current transformers	129
6. Cable current transformers with ring core	135
Card 4/9	

Principles of Relay Protection Engineering and Operation 723

Ch. 7. Protection of Overhead and Cable High-voltage Electrical Networks	
1. Function and basic types of protection	137
2. Maximum current protection	138
3. Example of selection of maximum-current protection settings	150
4. Current cutoff in lines with one-way feed	155
5. Current cutoff in lines with two-way feed	157
6. Combination of current cutoff with maximum current protection	158
7. Maximum directional protection	161
8. Transverse current-differential protection of two parallel lines	166
9. Directional transverse differential protection of two parallel lines	169
10. Protection against single-phase short circuits in networks with grounded transformer zero points	172
11. Protection against single-phase grounding in networks with isolated zero points of transformers and generators	174

Card 5/9

Principles of Relay Protection Engineering and Operation 723

Ch. 8. Transformer Protection	182
1. Function and basic types of transformer protection	183
2. Maximum current protection for transformers	186
3. Current cutoff	187
4. Differential protection	201
5. Gas-relay protection	
Ch. 9. Protection of Synchronous Generators	
1. Damage to and abnormal operating conditions of synchronous generators. Types of generator protection	206
2. Field-damping automatic devices	211
3. Longitudinal differential protection	212
4. Transverse differential protection	214
5. Protection from single-phase grounding	215
6. Maximum current protection	228
7. Protection against voltage rise	230
8. Protection of excitation circuit against grounding	232
9. Features of generator-transformer unit protection	235
10. Protection of low-capacity generators	237
11. Features of synchronous condenser protection	240

Card 6/9

Principles of Relay Protection Engineering and Operation 723

Ch. 10. Electric Motor Protection

- | | |
|---|-----|
| 1. Characteristics of electric induction motors and mechanisms | 241 |
| 2. Damage to and abnormal operating conditions of electric motors. | |
| Types of electric motor protection | 242 |
| 3. Protection against multiphase short circuits | 245 |
| 4. Overload protection | 247 |
| 5. Minimum-voltage protection | 247 |
| 6. Selection of over-current protection settings for a transformer which feeds induction motors | 250 |
| 7. Protection of induction motors having a voltage up to 500 v. | |
| 8. Features of synchronous motor protection | 253 |

Ch. 11. Automatic Reclosing (APV — Avtomaticheskoye povtorno-ye vklyucheniye) of Electric Transmission Lines, Transformers and Substation Buses

- | | |
|---|-----|
| 1. Function and types of APV systems | 255 |
| 2. Single-action electrical APV systems | 257 |
| 3. Load APV systems | 260 |
| 4. Selection of APV settings | 262 |

Card 7/9

Principles of Relay Protection Engineering and Operation 723

5. APV of buses and transformers	264
6. Protection acceleration before APV	265
7. Protection acceleration after APV	267
Ch. 12. Automatic Switching-on of Reserve (AVR-Avtomaticheskoye vkl'yucheniye rezervnykh istochnikov pitaniya) and of Other Equipment	
1. Functions and basic requirements of AVR	268
2. AVR of transformers	270
3. AVR of section circuit breaker	273
4. AVR of transmission line	274
5. AVR with load-drive circuit breakers	276
6. AVR of electric motors	277
7. AVR of low-voltage lines	277
Ch. 13. Equipment for Checking Protection and Automatic Systems	
1. Current-control equipment	278
2. Voltage-regulation equipment	285
3. Equipment for regulating angle between current and voltage	288
4. Assembled testing equipment for checking protection systems	293
Card 8/9	

Principles of Relay Protection Engineering and Operation 723

Ch. 14. Checking Relay Protection

- | | |
|---|-----|
| 1. Basic requirements | 299 |
| 2. Checking for proper assembly and marking | 300 |
| 3. Checking current transformers | 302 |
| 4. Checking the working order of the mechanical part of the relay | 308 |
| 5. Checking insulation resistance and testing it with raised voltage | 312 |
| 6. Adjusting and checking the electrical characteristics of relays | 315 |
| 7. Checking the interaction of relays in the protection and automation circuits | 321 |
| 8. Checking protection with the primary current | 322 |

Ch. 15. Checking Protection With Load Current and Operating Voltage

- | | |
|--|-----|
| 1. Vector diagrams | 331 |
| 2. Checking protection with load current and operating voltage | 343 |

Bibliography

366

AVAILABLE: Library of Congress (TK2861.B4 1957)

Card 9/9

JP/mas
11-5-58

Berkovich, M.A.

BERKOVICH, M.A., insh.; CHERNYAYEV, P.D., insh.

More about the effectiveness of gas relay protection. Elek.sta,
29 no.1:86-87 Ja '58. (MIRA 11:2)
(Electric transformers)

BERKOVICH, M.A., inzh.; SAVOST'YANOV, A.I., inzh.

Analyzing a complex breakdown on the basis of recordings made by
automatic oscillographs. Elek. sta. 29 no.7:55-58 JI '58.

(Electric power) (Oscillography)

(MIRA 11:10)

CHERNOBROVOV, Nikolay Vasil'yevich; BERKOVICH, M.A., red.; MATVEYEV,
G.I., tekhn.red.

[Relay protection] Rелеиная зашита. Izd.2. Moskva, Gos.
energ.izd-vo, 1959. 591 p. (MIRA 12:5)
(Electric relays)

6(7), 8(6), 9(2)

AUTHOR: Berkovich, M.A.

SOV/91-59-9-29/33

TITLE: The Operation of ES-21 Signal Relays With Alternating Current

PERIODICAL: Energetik, 1959, Nr 9, p 37 (USSR)

ABSTRACT: Answering an inquiry of F.N. Buyval (Glukhov, Sumskaya oblast') the author states that ES-21 signal relays may be operated by 220 volts ac. Regardless to the strong vibration of the relay armature, the operation indicator will drop reliably with normal adjustment.

Card 1/1

BERKOVICH, M.A., inzh.; SEMENOV, V.A., inzh.

Analysing the exposure to damage of 220 and 110 kv. electric power
lines and possibilities for simplification of their relay protection.
Elek.sta. 30 no.1:61-65 Ja '59. (MIRA 12:3)
(Electric lines)

BERKOVICH, Mikhail ArnoI'dovich; SEMENOV, Vladimir Aleksandrovich;
SATAROV, V.A., inzh., retsenzent; BRANDENBURGSKAYA, E.Ya.,
red.; LARIONOV, G.Ye., tekhn.red.

[Fundamentals of the technology and operation of relay protection]
Osnovy tekhniki i ekspluatatsii releinoi zashchity. Izd.3., dop.
Moskva, Gos.energ.izd-vo, 1960. 479 p.

(Electric protection)

(Electric relays)

(MIRA 13:12)

AVERBUKH, Aron Moiseyevich; RYBAK, Khariton Aronovich; BERKOVICH, M.A.,
retsenzent; GESSEN, V.Yu., red.; ZHITNIKOVA, O.S., tekhn. red.

[Problems of relay protection and methods for solving them]
Zadachi po releinoi zashchite i metody ikh resheniia. Moskva,
Gos. energ. izd-vo, 1961. 351 p. (MIRA 14:8)
(Electric relays) (Electric protection)

SOVALOV, S.A., kand.tekhn.nauk; BERKOVICH, M.A., inzh.

Operative automatic control systems of large hydroelectric power stations and 400 to 500 kv. electric power transmission lines.

Elek. sta. 33 no.8:37-46 Ag '62. (MIRA 15:8)

(Hydroelectric power stations)

(Electric power distribution--High tension)

BERKOVICH, Mikhail Arnol'dovich; VAVIN, Viktor Nikolayevich; GOLUBEV, Mikhail L'vovich; NAZAROV, Yuriy Grigor'yevich; RIBEL', Normund Yevgen'yevich; SAVOST'YANOV, Aleksey Ivanovich; SEMENOV, Vladimir Aleksandrovich; DOROFEYEV, V.I., inzh., retsenzent; PESOCHIN, M.I., inzh., retsenzent; PERSHIN, V.I., inzh., retsenzent; ARTSISHEVSKIY, L.I., red.; GERR, A.D., red.; BORUNOV, N.I., tekhn. red.

[Manual on relay protection systems] Spravochnik po releinoi zashchite. [By] M.A.Berkovich i dr. Moskva, Gosenergoizdat, 1963. 512 p. (MIRA 16:9)
(Electric relays). (Electric protection)

BASS, Eleonora Isaakovna; ~~BERKOVICH~~, Mikhail Arnol'dovich;
SAVOST'YANOV, Aleksey Ivanovich; SEMENOV, Vladimir
Aleksandrovich; MEL'NIKOV, M.F., nauchn. red.; SOROKINA,
M.I., red.; PERSON, M.N., tekhn. red.

[Maintenance electrician of relay protection and automatic
control systems] Elektromonter po ekspluatatsii releinoi
zashchity i avtomatiki. [By] E.I. Bass i dr. Moskva, Prof-
tekhizdat, 1963. 342 p.
(MIRA 17:3)

OVCHINNIKOV, Vladimir Vasil'yevich; BERKOVICH, M.A., red.

[Electromagnetic current and voltage relays] Elektro-
magnitnye rele toka i napriazheniia. Moskva, Energiia,
1965. 71 p. (MIRA 18:7)

BERKOVICH, Mikhail Aronovich; SEMENOV, Vladimir Aleksandrovich;
SAVOST'YANOV, A.I., red.

[Principles of the technology and operation of relay protection systems] Osnovy tekhniki i ekspluatatsii releynoi zashchity.
Moskva, Energiia, 1965. 636 p. (MIRA 18:12)

BERKOVICH, M.A., inzh. (Moskva); MEL'NIKOV, M.F., inzh. (Moskva)

Experience in the operation of relay protection and automatic
line equipment in 400-500 kv. Elektrichestvo no.12:1-5 D '64.
(MIRA 18:12)

BERKOVICH, Mikhail Arnol'dovich; SEMENOV, Vladimir Aleksandrovich;
SAVOST'YANOV, A.I., red.

[Principles of the technology and operation of relay protection systems] Osnovy tekhniki i ekspluatatsii releinoi zashchity. Moskva, Energiia, 1965. 663 p. (MIRA 18:11)

100 AND 4TH EDITION PERMANENT AND PERMANENT INDEX 100 AND 4TH EDITION	
The use of potassium ethyl xanthate for the determina 7	
tion of zinc and cadmium. M. G. Berkovich. <i>Zhur. Anal. Khim.</i> 2, 215-18(1947); <i>Chem. Zvest.</i> 1947, 11, 1134. —The great differences in the soly. products of the Et xanthates of Cd, Zn, and Ag suggested the direct potentiometric titration of the Et xanthates of Zn and Cd with AgNO₃. A cell consisting of soln. (calomel electrode: satd. KNO₃ soln. (standard xanthate (Ag₂S) was used. The titration was not successful, as the galvanometer showed no sharp end point. Therefore indirect potentiometric titration was tried. A neutral Cd or Zn soln. was pptd. with K Et xanthate and the ppt. filtered off. The ppt. and filter were treated with an excess of AgNO₃. The excess AgNO₃ was then back-titrated potentiometrically with KI with the above cell. Check tests showed good agreement of results; Cu cannot be detd. in this way since it reacts with the KI and the reaction Cu xanthate + AgNO₃ proceeds much more slowly than the reactions with Zn and Cd. Zn and Cd cannot be detd. potentiometrically from the same sample. If both are to be detd., the Zn can be sepd. from the Cd (remaining as xanthate) by pptg. as basic carbonate by the addn. of a 10- to 20-fold excess of Na₂CO₃. The Cd is then detd. potentiometrically and the Zn detd. according to the method of Low. A millivoltmeter (15 mv.; pyrometer 710) makes the titration very sensitive. M. G. Moore.	
ASD-SLA METALLURGICAL LITERATURE CLASSIFICATION	
100 AND 4TH EDITION 100 AND 4TH EDITION	100 AND 4TH EDITION 100 AND 4TH EDITION

10-331. Potentiometric Determination of Cadmium in Commercial Products. M. G. Berkovich. Factory Laboratory (U.S.S.R.), V. 12, April 1947, p. 486. (In Russian.)

Modification of a method previously reported by Berg and Wurm (Germany, 1937) and its application to copper-cadmium smelter cakes, and Cottrell-precipitator dusts.

GORKIN, A.F.; BERKOVICH, M.L.

Technical and economic indices on the maps of industry. Izv. AN SSSR
Ser. geog. no.4:109-112 GI-Ag '65. (MIRA 18:8)

USSR / General Problems of Pathology. Immunity.

U

Abs Jour: Ref Zhur-Biol., No 22, 1958, 102386.

Author : Berkovich, R. D.

Inst : ~~Buryat-Mongolian~~ Scientific-Research Veterinary
Science Station.

Title : The Preparation of a Dry Complement for the Com-
plement Fixation Reaction.

Orig Pub: Tr. Buryat-Mong. n.-i. vet. st., 1957, vyp. 4,
11-14.

Abstract: A method of obtaining the dry complement from the
serum of guinea pig is recommended, based on dry-
ing the serum in the presence of 5% crystalline
MgSO₄ at 37-38°. The initial titer is preserved
for the course of 13 months.

Card 1/1

~~BERKOVICH, M.P.~~; TOMSON, G.V., redaktor; GRANOVSKIY, G.M., redaktor; BERKNER,
O.G., tekhnicheskiy redaktor

[Tables for calculating fixed price of scrap iron and ferrous metal
wastes according to the price-list introduced on January 1, 1950]
Raschetnye tablitsy zagotovitel'noi stoimosti loma i otkhodov chernykh
metallov po preiskurantu, vvedennomu s 1 ianvaria 1950 g. Moskva,
Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii,
1952. 36 p. [Microfilm] (MIRA 9:3)
(Scrap metal industry)

~~BERKOVICH, Mikhail Pavlovich; FEL'DMAN, Ya.I., red.; CHESTYRKIN, M.I., red.;~~
~~ISLENT'YEVA, P.G., tekhn.red.~~

[Accounting and computation in enterprises for the procurement and processing of secondary metals] Bukhgalterskii uchët i kál'kulirovanie na predpriiatiiakh po zagotovke i pererabotke vtorichnykh metallov. Moskva, Gos.nauchno-tekhn.isd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 250 p.

(Scrap metal industry--Accounting)

(MIRA 14:3)

BERKOVICH, M. Sh.

PA 78T84

USSR/Radio Equipment
Machines, Testing

Feb 1948

"Tester TT-1," Ye. A. Levitin, M. Sh. Berkovich, 5 pp

"Radio" No 2

Describes TT-1 tester or multimeter which can be used to determine current, voltage and resistance of radio equipment. TT-1 has sensitivity of 5,000 ohms per volt. Gives performance data, the principles of the circuit, voltmeter for DC and AC, and briefly describes simple construction of the TT-1.

ID

78T84

15

253. The Use of Potassium Ethylxanthogenate for Quantitative Estimation of Zinc and Cadmium. (In Russian.) M. T. Berkovich. *Journal of Analytical Chemistry* (U.S.S.R.), v. 2, July-Aug. 1947, p. 215-218.

Describes method of indirect potentiometric titration of zinc and cadmium ethyl xanthogenates and a method for quantitative separation of cadmium from zinc.

58/49T26

USSR/Chemistry - Chlorine
Chemistry - Analytical Chemistry

May 49

"Potentiometric Determination of Chlorine in the Presence of Sulfur Dioxide," M. P. Berkovich, G. S. Lazina, All-Union Sci Res Inst of Labor Protection, 3 pp

"Zavod Lab" Vol XV, No 5

Results of experiments made it possible to determine exactly the concentration of gas in air under laboratory conditions. Showed the noncompensated potentiometric titration of xanthogenous calcium and silver nitrate can occur satisfactorily only in the presence of sulfur dioxide. Describes

58/49T26

USSR/Chemistry - Chlorine (Contd)

May 49

process and gives diagram of equipment.

58/49T26

BERKOVICH, M. T.

PA 160T12

USSR/Chemistry - Silicates, Analysis of May 50
Analysis, Colorimetric

"Amperometric Titration of Silicates," M. T. Berkovich, All-Union Sci Res Inst of Labor Protection, 2¹/₂ pp

"Zavod Lab" Vol XVI, No-5

Studies amperometric titration of solutions of sodium silicate with solution of lead nitrate. Method, applicable for colorimetric analysis of silicates in natural compounds, permits determining hundredths of milligram of SiO₂ in sample.

160T12

BERKOVICH, M. T.

180t6

USSR/Chemistry - Analysis, Air

Nov 50

"Colorimetric Method for Determination of Small Quantities of Bromine in the Air," M. T. Berkovich, G. S. Luzina, All-Union Sci Res Inst Labor Protection

"Zavod Lab" No 11, pp 1399, 1400

Method is based on reaction between bromine and fluorescein with formation of eosin, when coloration of absorbing soln changes from light-green to rose color. Quantities of bromine from thousandths of ml in sample soln may be detd by this method.

180t6

BERKOVICH, M.T., kandidat khimicheskikh nauk; LUZINO, G.S.; VASIL'YEVA, L.P.

Some physical and chemical properties of dust in chalcopyrite mines.
Bor'ba s sil. 1:134-137 '53. (MLRA 7:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut okhrany truda VTs-
SPS. g. Sverdlovsk.
(MINE DUSTS) (CHALCOPYRITE)

BERKOVICH, M.T., kand. khim. nauk.

Some properties of highly dispersed industrial dusts. TSvet. met. 27
no.1:52-56 Ja-Y '54. (MLRA 10:9)

(Dust) (Wetting)

BERKOVICH, M. T.

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 8,
p 285 (USSR) 15-57-8-11889

AUTHOR: Berkovich, M. T.

TITLE: Wetting of Finely Dispersed Dust (O smachivanii
tonkodispersnoy pyli)

PERIODICAL: Sb. rabot po solokozu. AN SSSR, Nr 1, 1956, pp 41-49

ABSTRACT: This article describes experimental studies, conducted in the Physical and Chemical Laboratory at the Sverdlovsk Institute of the Conservation of Labor of the VTsSPS (All-Union Central Council of Trade Unions), on the properties of fine dust and its capacity for wetting. The latter depends on a number of properties both of the dust itself and of the wetting agent. The following information was obtained: 1) chemical composition and dispersal of the dust; 2) capacity of the dust to be wetted by water and by solutions of

Card 1/3

15-57-8-11889

Wetting of Finely Dispersed Dust (Cont.)

substances which lower surface tension; 3) surface tension of various solutions; and 4) the effect of the preliminary process of treatment of the dust on its wetting capacity. The most effective wetting agent was selected by the methods of film flotation and of diffusion of a dust stream through the liquid. The following facts were established: 1) the substance used to lower surface tension is more effective as a dust-wetting additive if a considerable reduction of the surface tension of the water is achieved with a low concentration in the water; 2) the capacity of a given dust for wetting with water and with solutions of substances which reduce surface tension decreases with an increase of dust dispersion; 3) wetting is a kinetic process depending on the rate of preadsorption orientation of the molecules of the solution with respect to the surface of the solid body; 4) wetting agents may be listed in the following order according to their effectiveness in 0.1 percent solutions: DB, OP-7, OP-10, sulfanol, Nekal detergent, Petrov contact agent, naphtha soap; 5) use of wetting agents in all

Card 2/3

15-57-8-11889

Wetting of Finely Dispersed Dust (Cont.)

cases decreases the dust content of the air by no more than 200 or 300 percent as compared with the decrease obtained by using untreated water. Therefore wetting agents should be used only where the original dust content of the air is low.

Card 3/3

I. D. Gol'denberg

Wettability of Lead-smelting Works Suspended Dust.

136-6-8/28'

ASSOCIATION: All-Union Scientific Research Institute of Labour
Protection of VTsSPS. (Vsesoyuznyy Nauchno-
issledovatel'skiy Institut okhrany truda VTsSPS.)

AVAILABLE: Library of Congress
Card 2/2

PHASE I BOOK EXPLOITATION

SOV/4655

Berkovich, Malka Tuv'yevna, and Yakov Zakharovich Bukhman

Promyshlennaya pyl' (Industrial Dust) Sverdlovsk, Metallurgizdat, Sverdlovskoye otd-niye, 1960. 240 p. 3,450 copies printed.

Ed. of Publishing House: N. N. Tsymbalist; Tech. Ed.: Ye. D. Turkina.

PURPOSE: This book is intended for scientists, mining engineers, hygienists, and specialists in sanitation and industrial dust control.

COVERAGE: The book reviews the physicochemical properties of industrial dust with reference to the conditions of its formation and the effect of its surrounding medium. Principal emphasis is placed upon problems relating to the wetting and moistening of dust, and to the effect of a gaseous medium upon its properties. Modern methods of controlling dust, the agent responsible for many occupational diseases in mines and in the dressing and sintering shops of ferrous and nonferrous metallurgical plants, are described. The book constitutes a generalization of studies carried out in the Fiziko-khimicheskaya laboratoriya Sverdlovskogo instituta okhrany truda VTsSPS (Physicochemical

Card ~~1/1~~

Industrial Dust

SOV/4655

Laboratory of the Sverdlovsk Institute for Labor Protection) by G. S. Lusina, Candidate of Technical Sciences, staff scientists L. P. Grigorova and N. I. Tikunova, and laboratory assistants T. T. Smeykal, A. A. Tokareva, L. A. Temnikova, I. D. Titova, and R. S. Koz'minykh, supervised by M. T. Berkovich (joint author). The authors thank A. A. Malykh, G. P. Korshunov, A. B. Taubman, Doctor of Chemical Sciences, Professor at the IFKh AN SSSR (Institute of Physical Chemistry, AS USSR), A. M. Gervas'yev, Candidate of Technical Sciences, V. V. D'yakov, Mining Engineer (SIOT), A. S. Shur, Candidate of Chemical Sciences at the UFAN (Ural Branch of the Academy of Sciences of the USSR), P. L. Popov, Director of the Uralgiproshakht Institut, F. N. Ryzhkov, Candidate of Technical Sciences (Unipromed'), and U. Kh. Bakirov (UFAN) for assistance. There are 169 references: 161 Soviet, 5 English, and 3 German.

TABLE OF CONTENTS:

Foreword	3
Ch. I. Properties of Industrial Dust	5
1. General information	5
2. Dispersity of dust during different industrial processes	6
3. Settling rate of the particles	9
4. The specific surface of dust	16
5. Adsorption capacity of dust	17

Card 2/7

BERKOVICH, M.T.

Determination of hypochlorite in caustic chromate liquors. Zav.lab.
29 no.2:162 '63. (MIRA 16:5)

1. Ural'skiy nauchno-issledovatel'skiy khimicheskiy institut.
(Hypochlorites) (Chromates)

BERKOVICH, M. U.

137-58-5-8802

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 5, p 10 (USSR)

AUTHOR: Berkovich, M. U.

TITLE: Pneumatic Conveying of Cinder Dust from Electro-filters (Pnev-motransport ogarkovoy pyli iz elektrofil'trov)

PERIODICAL: Byul. tsvetn. metallurgii, 1957, Nr 15, p 28

ABSTRACT: The author describes a pneumatic method, employed at the "Ukrtsink" plant, in which cinder dust is withdrawn (during processes of FluoSolids roasting in a boiling layer) by means of suction created by water-cycle vacuum pumps of the "RMK-4" type capable of pumping 25m³ of air per minute.

A. Sh.

1. Industrial plants--Equipment 2. Vacuum pumps--Applications

Card 1/1

BERKOVICH, M. YA.

AID P - 562

Subject : USSR/Mining
Card 1/1 Pub. 78 - 28/29
Author : Berkovich, M. Ya.
Title : Shortcomings of a book on oil well drilling in the
absorbing zones
Periodical : Neft. Khoz., v. 32, #7, 94-95, J1 1954
Abstract : Critical review of a new book by N. N. Ardreyev
"Drilling of oil wells under the conditions of the
absorbing zones in the Bashkir region", Gostoptekhizdat,
1952.
Institution : None
Submitted : No date

BERKOVICH, M.Ya.; SPIVAK, A.I.; KORNOGOV, A.P.; VDOVIN, K.I.; ALEKSEYEV,
L.A.; POPOV, A.N.; FILIMONOV, N.M.; POSPELOV, V.P.

Studying the power requirements for breaking rocks by rolling
cutter bits. Izv.vys.ucheb.zav.; neft' i gaz 5 no.8:43-49 '62.

(MIRA 17:3)

1. Ufimskiy neftyanoy institut.

BERKOVICH, M. Ya., Can Tech Sci -- (diss) " Certain
problems in ^{counteracting} ~~the prevention of the~~ absorption^s of washing
solutions ^{during well drilling by the} ~~when the method of~~ freezing ^{(method, "} ~~is used in well~~
~~drilling.~~" Mos, 1958. 11 pp. (Min of Higher Education
USSR, Mos Order of Labor Red Banner Petroleum Inst im
Academician I.M. Gubkin). 110 copies.
(KL, 12-58, 98)

BERKOVICH, M.Ya.; KORNONOGOV, A.P.; MINKHAYROV, K.L.; ROGACHEV, K.A.

Freezing as a means of combating the absorption of flushing fluids in oil well drilling. Izv. vys. ucheb. zav.; neft' i gaz no.1:45-50 '58. (MIRA 11:8)

1.Ufimskiy neftyanoy institut.
(Oil well drilling fluids)

BERKOVICH, Mikhail Yekovlevich; KUVYKIN, Stepan Ivanovich; MUGANLINSKIY,
Nuredin Abasali; SALOV, Vasilii Nikitich; PETROVA, Ye.A., vedushchiy
red.; FEDOTOVA, I.G., tekhn.red.

[Preventing and eliminating accidents in well drilling] Preduprezh-
denie i likvidatsiya avarii v burenii skvazhin. Moskva, Gos.nauchno-
tekhn.izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 148 p.

(MIRA 13:11)

(Oil well drilling--Safety measures)

BERKOVICH, M.Ya.; KORNONOGOV, A.P.; VDOVIN, K.I.; ALEKSEYEV, L.A.

Theoretical possibility of cold air drilling in eastern oil regions.
Izv. vys. ucheb. zav.; nef't i gaz 4 no.5:39-46 '61. (MIRA 15:2)

1. Ufimskiy nef'tyanoy institut.
(Bashkiria--Oil well drilling)

BERKOVICH, M.Ya.; SPIVAK, A.I.; KORONOGOV, A.P.; FILIMONOV, N.M.;
POPOV, A.N.; VDOVIN, K.I.; ALEKSEYEV, L.A.; POSPELOV, V.P.

Some problems of gas drilling. Izv.vys.ucheb. zav.;neft' i gas
5 no.5:29-34 '62. (MIRA 16:5)

1. Ufimskiy neftyanoy institut.
(Oil well drilling)

ALEKSEYEV, L.A.; BERKOVICH, M.Ya.

Certain temperature-condition problems of cone bits. Izv.vys.
ucheb.zav.; neft' i gaz 6 no. 12:103-105 '63. (MIRA 17:5)

1. Ufimskiy neftyanoy institut.

BERKOVICH, Mikhail Yakovlevich; SINOPLIS, Leonid Aleksandrovich;
KHIEBNIKOV, Nikolay Vasil'yevich; ROSHCIN, P.F., red.;
ISAYEVA, V.V., ved. red.

[Preventing and eliminating accidents in structural drilling] Preduprezhdenie i likvidatsiya avarii v strukturno-poiskovom burenii. Moskva, Izd-vo "Nedra," 1964. 178 p.
(MIRA 17:7)

ACC NR: AP6035714 (AN) SOURCE CODE: UR/0413/66/000/019/0061/0061

INVENTOR: Berkovich, M. Ya.; Gulerman, V. S.; Levinson, L. M.; Matyushin, P. N.; Popov, V. A.

ORG: none

TITLE: UM-1 lubricating grease. Class 23, No. 186598

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 19, 1966, 61

TOPIC TAGS: lubricant, low temperature lubricant, antioxidant additive, diphenylamine, grease/UM-1 grease

ABSTRACT: An Author Certificate has been issued for UM-1 lubricating grease made from mineral oil, cerezin, and an antioxidant additive. To increase the low-temperature properties of the grease, vinyl cyclohexane is suggested as an additional ingredient. Diphenylamine is used as the antioxidant additive.
[Translation] [NT]

SUB CODE: 11/SUBM DATE: 01Jul65/

Card 1/1

UDC: 621.892.5.621.892.091

ALLENSEYEV, I.A.; BERKOVICH, M.Ya.

Concerning the temperature of the surface of steel in case
of rock friction. Izv. vys. ucheb. zav.; neft' i gaz 8 no.2:
27-31 '65. (MIRA 18:3)

1. Ufimskiy neftyanoy institut.

BERKOVICH, M.Ya.; MATYUSHIN, P.N.; KORNOGOV, A.P.

Cooling of bits in the air drilling of wells. Burenie no. 4:3-4
'65. (MIRA 18:5)

1. Ufimskiy neftyanoy institut.

MALYUTOV, Midkhat Rakhmatullich; BERKOVICH, Mikhail Yakovlevich;
DYUKOV, L.M., red.

[Methods of correcting unsatisfactory cementing during
oil well drilling] Metody ispravleniia neudachnykh tse-
mentirovani pri burenii skvazhin. Moskva, Nedra, 1965.
107 p. (MIRA 18:12)

1. FEL'KOVICH, M. YE.
 2. USSR (600)
 4. Conjunctivitis, Granular
 7. Sanitary and epidemiological investigation of the trachoma focus and measures for its eradication, Fel'd. i akush. No. 3, 1953.
9. Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

BERKOVICH, M.Ye.

Result of sanitary-educational work in the framework of trachoma control
in the Kuybyshev region, Fel'dsher & akush. no.7:54-56 July 1953.
(CIAL 25:1)

BERKHOVICH, N.YE

BERKHOVICH, N.Ye.; SAVVANTOV, A.S., red.

[How to guard against trachoma] Kak uberech'sya ot trakhomy;
pamiatka. Pod red. A.S.Savvantova. Moskva, 1955. 36 p.
(CONJUNCTIVITIS, GRANULAR) (MIRA 11:2)

BERKOVICH, N.E.

Myasthenia gravis pseudoparalytica. Vest. oft. 69 no. 3: 27-28
My-Je '56.

(MLRA 9:8)

1. Iz Kiybyshevskogo oblastnogo trakhomatoznogo dispansera
(MYASTHENIA GRAVIS,
pseudoparalytica (Rus))

BERKOVICH, N.

VOROB'YEV, S.; BERKOVICH, Z. (g. Ulan-Ude); PEREMYSLYI, D.; MATVHIYEV, P.;
BERKOVICH, N. (Kuybyshev); VILL, Kh.; NOVIKOVA, I.; TENENBAUM, V.

Improve the procedure for issuing credit to the forest industry.
Den. 1 kred. 16 no.5:54-66 My '58. (MIRA 11:6)
(Lumbering—Finance)

~~BERKOVICH, M.~~; KULESHOVA, M.

A word of employees of branch offices of the regional economic council. Fin. SSSR 19 no.9:43 S '58. (MIRA 11:10)

1. Starshiy ekonomist-finansist upravleniya promyshlennogo i grazhdanskogo stroitel'stva Kuybyshevskogo sovnarkhosa (for Berkovich).
2. Zamestitel' glavnogo bukhgaltera upravleniya mashinostroyeniya togo zhe sovnarkhosa (for Kuleshova).
(Finance)

BERKOVICH, N.

Members of the scientific technological society are helping.
NTD 2 no.4:18 Ap '60. (MIRA 13:6)

1. Predsedatel' Ul'yankovskogo oblastnogo pravleniya Nauchno-
tekhnicheskogo obshchestva legkoy promyshlennosti.
(Ul'yankovsk--Textile industry--Technological innovations)

BERKOVICH, N.A.

BRONSHTEYN, Ye. I.; ~~BERKOVICH~~, N.A.

Survey of foreign practices in hay drying ("Harvesting grasses for hay and the dried green fodder"; collection of translations from foreign periodical literature. Reviewed by E.I. Bronshtein and N.A. Berkovich). Zhivotnovodstvo 20 no.5:46-51 My '58. (MIRA 11:5)
(Hay)

BERKOVICH, N.A.

Peat litter. Zhivotnovodstvo 23 no.5:55-56 My '61.

(MIRA 16:2)

(Litter (Bedding)) (Peat)

BERKOVICH, N.A.

"Breeds of farm animals developed in Kazakhstan." Reviewed by
N.A.Berkovich. Zhivotnovodstvo 23 no.8:96 Ag '61.

(MIRA 16:2)

(Kazakhstan—Stock and stockbreeding)

BERKOVICH, N.R.

Choosing a rational method of construction of slips and covered slips
Rech. transp. 12, no. 2, 1952

BERKOVICH, N.Ya.; IRGER, S.G.

Modernization of roll mills at the Bobruysk reclaimed rubber factory.
Kauch.i rez. 19 no.6:53-54 Je '60. (MIRA 13:6)

1. Bobruyskiy zavod rezhinovykh izdeliy promyshlennoy tekhniki.
(Bobruysk--Rubber, Machinery)

BERKOVICH, N. Y.

BERKOVICH, N. Yu., kandidat tekhnicheskikh nauk

Interaction of the warp ends and the shuttle. Tekst.prom.8 no.2:
15-17 F '48. (MIRA 8:11)

(Weaving)

BERKOVICH, N. YU.

34019 BERKOVICH, N.YU. O Rabotye
Nyeativnogo Ryegulyatora
Tyekstil Prom-st¹ 1949, No. 10. S. 22-25

SO: Letopis' Zhurnal'nykh Statey, Vol. 42, Moskva, 1949

BERKOVICH, N.YU.

Determining the degree of shuttee friction in the shutter box
Tekst. prom. 12 no. 9, 1952

BERKOVICH, Nikolay Yul'yevich

ANDREYEV, Aleksey Vasil'yevich; ~~BERKOVICH, Nikolay Yul'yevich~~; LIOZNOV, A.G.,
NIKITIN, M.N., retsentsent; BORODOVSKIY, M.S., retsentsent; NEKRASOVA,
O.I., tekhnicheskii redaktor.

[Woolweaving; approved as textbook by the Technical education board
in the Ministry of industrial consumer goods, for textile industry
schools] Sherstotkachestvo. Odobreno Upravleniem uchebnymi zavedeniyami
Ministerstva promyshlennykh tovarov shirokogo potrebleniia SSSR v
kachestve uchebnika dlia tekstil'nykh tekhnikumov. Moskva, Gos. nauchno-
tekhn. izd-vo Ministerstva promyshlennykh tovarov shirokogo potrebleniia
SSSR, 1954. 395 p. (MIRA 8:1)

(Woolen and worsted manufacture)

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000204920019-4

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000204920019-4"

BERKOVICH, N.Yu.

BERKOVICH, N.Yu., kand.tekhn.nauk; BASKIN, N.L.

Ways of increasing loom speeds in wool weaving. Tekst.prom. 17
no.10:32-38 0 '57. (MIRA 10:12)

1.Glavnyy inzhener Ulan-Udenskoy fabriki (for Baskin)
(Looms---Speed) (Woolen and worsted manufacture)

BERKOVICH, N. Yu.

SOSNIN, I. Ya.; BERKOVICH, N. Yu.

Assortment of rough wool fabrics. Tekst. prom. 18 no. 1: 44-47 Ja
'58.

(MIRA 11:2)

1. Zamestitel' predsedatelya Ul'yanovskogo sovnarkhoza (for Sosnin).
2. Glavnyy inzhener Upravleniya legkoy promyshlennosti (for Berkovich).

(Woolen and worsted manufacture)

SOSNIN, I.Ya.; BERKOVICH, N.Yu.; CHUKHIN, A.A.

Introducing machinery in the blending process. Tekst. prom. 18
no. 7:31-33 J1 '58. (MIRA 11:7)

1. Zamestitel' predsedatelya Ul'yanovskogo sovnarkhoza(for Sosnin).
2. Glavnyy inzhener upravleniya legkoy promyshlennosti Ul'yanovskogo sovnarkhoza(for Berkovich).
3. Glavnyy mekhanik Morshanskoy sukonnoy fabriki(for Chukhin).

(Textile machinery)

ANDREYEV, Aleksey Vasil'yevich [deceased]; BERKOVICH, Nikolay Yul'yevich;
AKIMOV, T.S., retsenzent; PETRASHKIN, A.D., retsenzent; NIKITIN,
M.N., retsenzent; KALININA, N.M., red.; LEVITSKAYA, N.N., tekhn.
red.

[Wool weaving] Sherstotkachestvo. Izd.2., perer. i dop. Moskva,
Izd-vo nauchno-tekhn. lit-ry RSFSR, 1960. 465 p. (MIRA 14:10)
(Woolen and worsted manufacture) (Looms)

BERKOVICH, N.Yu., kand.tekhn.nauk, starshiy nauchnyy sotrudnik

Determining the filling factor of fabrics. Tekst.prom. 21
no.11:24-29 N '61. (MIRA 14:11)

1. TSentral'nyy nauchno-issledovatel'skiy institut sherstyanoy
promyshlennosti (TSNIIShersti) (Weaving)
(Textile fabrics)

AKIMOV, T.S., kand.tekhn.nauk; BERKOVICH, N.Yu., kand.tekhn.nauk;
LYUBIMOV, V.A., mladshiy nauchnyy sotrudnik

Increasing the size of weft packages in the weaving of woolen
cloth. Nauch.-issl.trudy TSNIIShersti no.16:43-54 '61.
(MIRA 16:11)

ONIKOV, Eduard Arshakovich; ~~BERKOVICH, N.Yu., retsenzent;~~
CHUCREYEVA, V.N., red.; PIATNITSKIY, V.N., tekhn.red.

[Tensors, control and clearing mechanisms for simple twist
threads] Natiashnye i kontrol'no-ochistitel'nye ustroistva
odinochnykh nitel. Moskva, Gizlegprom, 1963. 100 p.
(MIRA 17:3)

BERKOVICH, Nikolay Yul'yevich; ONIKOV, E.A., kand. tekhn. nauk,
retsensent; CHUGREYEVA, V.N., red.

[Ways for reducing breakages in wool weaving] Puti snizheniia
obryvnosti v sherstokachestve. Moskva, Legkaia industriia,
1965. 221 p. (MIRA 18:3)

MOSSAKOVSKIY, V.I. (Dnepropetrovsk); ZAGUBIZHENKO, P.A. (Dnepropetrovsk);
BERKOVICH, P.Ye. (Dnepropetrovsk)

A problem of a plane having a fissure. Prikl. mekh. 1
no.8:106-111 '65. (MIRA 18:9)

1. Dnepropetrovskiy gosudarstvennyy universitet.

BERKOVICH, R. D.

"Investigation of Serological Methods of Diagnosing Aujeszky's Disease in Swine." Cand Vet Sci All-Union Inst of Experimental Veterinary Sci, Moscow, 1953. (RZhBiol, No 8, Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55